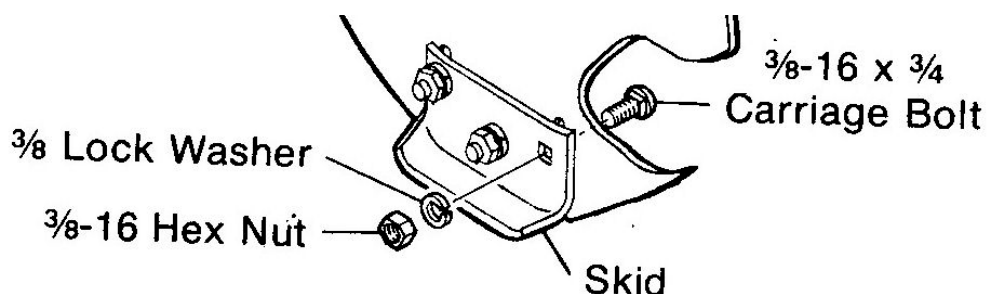


## Installation Instructions for The OMNI Skid

October 2010 Rev. 1



The OMNI skid has been designed to replace the 2 different skids Gilson used on the "full sized" models over the 22 year run of the snow blower product line. Good properly adjusted skids can do a lot to improve your machines performance and durability. Gilson generally referred to what gets called the scraper bar as the cutter bar. The main purpose of the bar along the bottom of the bucket was to cut across packed snow to allow the machine to move forward. The intent was never to run the machine with the cutter bar in contact with the ground, that was the job of the skids. Keeping the cutter bar off of the ground will allow it to hold and edge and it will last virtually forever. Also when running on the ground the corner welds of the bucket experience severe stress whenever the cutter bar snags. This leads to a welding repair.



When mounting skids the bolts always want to be coming from the inside. If the nut and extra thread length extend inward the auger leads may snag on them. The augers have some play and they can deflect under load. This may break a shear pin or damage the bolt. Mount the 3 bolt configuration as shown above.

For the 2 bolt (formerly cast iron) configuration install the bolts from the inside. On the outside install the flat washer, lock washer and nut.

At a minimum you want the cutter bar 1/8 of an inch off of the ground. Park the machine on a level surface and make sure the tire pressures are equal. With the skid bolts loose place some wood strips under the cutter bar. Lower the skids to the floor and tighten the skid bolts.

As mentioned for pristine pavement you can go as close as 1/8 inch. On a gravel driveway 3/4 inch or the maximum is suggested. Adjust according to your actual conditions. If you feel the machine hammer and buck as the bar snags on irregularities you are probably too low.